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## A New Species of the Genus *Nigilgia* Walker (Lepidoptera, Brachodidae) from Sulawesi

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*Nigilgia* WALKER is a small group, including five known species only, i.e., *adjectella* WALKER, *limata* DIAKONOFF and ARITA, *seyrigella* VIETTE, *talhouki* DIAKONOFF and *toulgoetella* VIETTE, from the Ethiopian, Oriental and Palaearctic Regions. In the present paper, a new species of the genus is described from a male specimen captured in the island of Sulawesi. This is the first record of the genus from the Australian Region.

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### *Nigilgia nagaii* sp. nov.

(Figs. 1–2)

♂. 14 mm. Head dark fuscous (imperfect). Orbit lashed with creamy-white hair-scales posteriorly. Collar greyish fuscous. Antenna thickened, dull black. Palpus short, broad, exceedingly stick to face; basal and median segments greyish fuscous, with metallic gloss; terminal segment dark fuscous. Thorax dark fuscous; tegula dark fuscous, posterior hair with metallic greenish bronze. Abdomen glossy greyish fuscous; ventral side white. Fore wing oblong-subtruncate; costa slightly concave in middle, and a little convex at 3/4; apex almost rectangular; termen oblique, straight; dark fuscous, nearly wholly covered densely with oval minute white specks except in

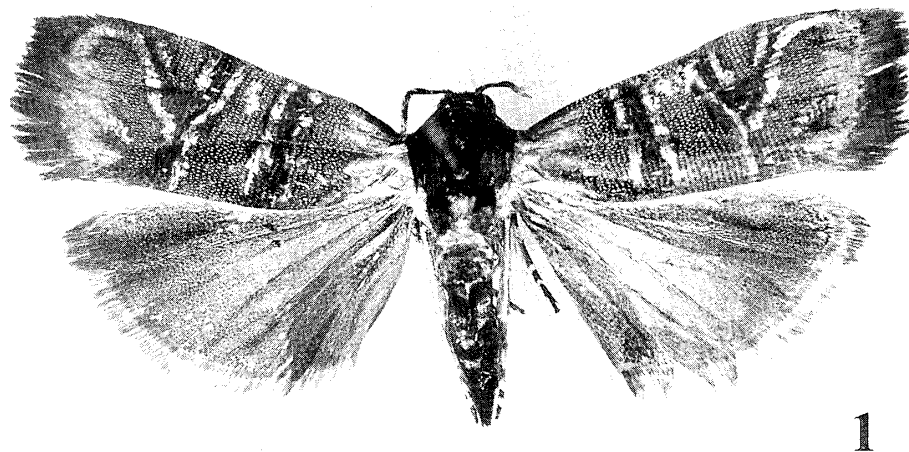


Fig. 1. Adult of *Nigilgia nagaii* sp. nov., ♂, holotype.

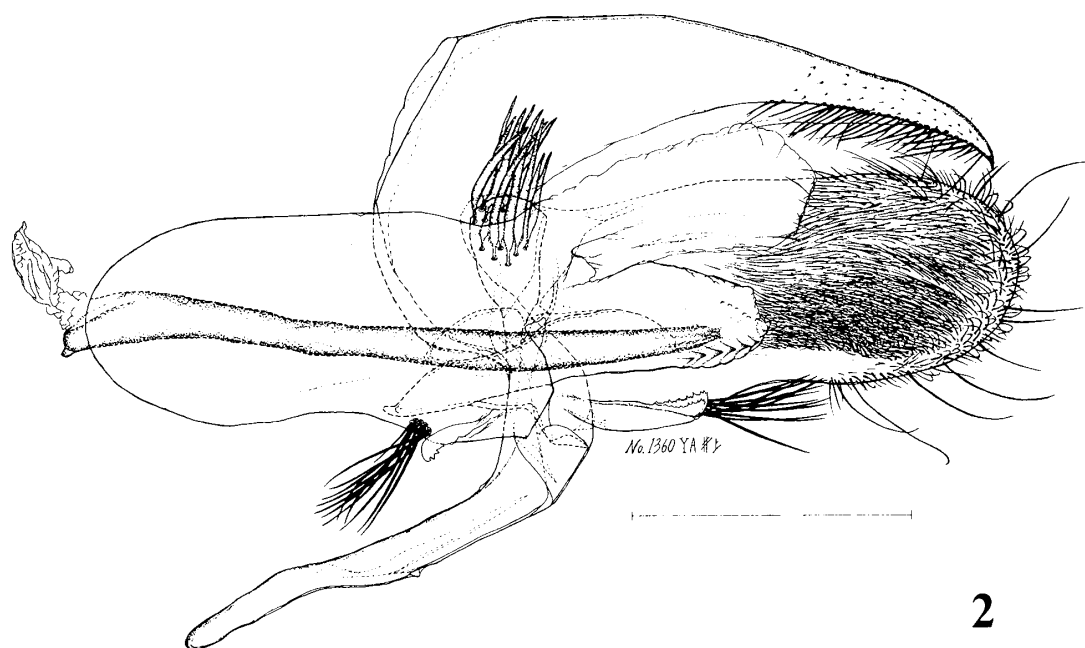


Fig. 2. Male genitalia of *Nigilgia nagaii* sp. nov., holotype. (Scale line = 1.0 mm.)

basal and subterminal areas; two thick blackish fuscous transverse fasciae: 1st one beyond  $1/3$ , outwardly-oblique, edged on both sides with thick coppery-metallic brilliant fascia; the other one at  $2/3$ , Y-shaped, edged with thick coppery-metallic brilliant lines, of which the posterior one extends near apex and does not reach to dorsum, coppery-metallic edge of inner side of Y-shaped upper arms not connected with each other at base; subterminal fascia glossy dark fuscous; cilia glossy dark fuscous. Hind wing fuscous, tinged with crimson gloss towards apex; cillia glossy greyish, with dark basal line, and round apex darker.

Male genitalia (Fig. 2). Uncus+Tegumen moderately narrow, rather long; posterior end acute; posterior  $1/3$  sparsely set with short hairs and rather long bristles in ventral surface. Vinculum rather long and slender. Saccus very long and slender. Valva oblong-oval, wide at base, apical half densely clothed with hairs; sacculus rather short, extending to  $1/3$  the length of valva, inner margin of posterior half with small denticles, apex with a tuft of long hairs. Anellus cylindrical, posteriorly with a row of strong teeth in underside. Aedeagus long, slender and rather straight, without cornutus.

♀. Unknown.

Holotype, ♂, Indonesia, C. Sulawesi, Pucak Dingin, (ca. 1300 m), 20. x. 1985, Shinji Nagai leg., genitalia on slide no. 1360 YA, preserved in the collection of Zoological Laboratory, Meijo University, Nagoya.

Host-plant. Unknown.

*Remarks.* The present species is allied to *N. adjectella* WALKER, but is separated from it by the marking of fore wing, and by the male genitalia with posterior dorsal

surface of tegumen being flat, and not swollen as in *adjectella*. Although similar to *N. limata* DIAKONOFF and ARITA in male genitalia, this species is distinct from it.

The specific name is dedicated to Mr. Shinji NAGAI who collected the present species.

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### 摘 要

スラウエシからの *Nigilgia* 属の一新種 (鱗翅目, ヒロハマキモドキガ科) (有田 豊)

*Nigilgia* 属は小さな属で, これまでに *adjectella* WALKER, *limata* DIAKONOFF and ARITA, *seyrigella* VIETTE, *talhouki* DIAKONOFF, *toulgoetella* VIETTE の 5 種が東洋区, エチオピア区, 旧北区から記録されているにすぎない. この種は, 斑紋が *adjectella* WALKER に似るが交尾器が顕著に異なる. また, 交尾器の形態が *limata* DIAKONOFF and ARITA によく似ているが明らかに異なる新種である.